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| FORM PTO-1449 (Rev. 5/92) | SAMUELS, GAUTHIER & STEVENS LLP 225 Franklin Street, Boston, MA 02110 Telephone: (617) 426-9180 | ATTORNEY DOCKET NO. 6590 | SERIAL NO. <u>10/055,447</u> |
| | | C Fabian Lis APPLICANT | <u>Unknown</u> GROUP |
| | | January 23, 2002 FILING DATE | <u>Unknown</u> EXAMINER |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | |

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|------------------|----|-----------------|-----------|------------------|-------|----------|----------------------------|
| <i>ln</i> | AA | 6,259,680 | 7/10/2001 | Blackwell et al. | 370 | 286 | |
| <i>ln</i> | AB | 6,219,418 | 4/17/2001 | Ericksson et al. | 379 | 407 | |
| <i>ln</i> | AC | 6,223,194 | 4/24/2001 | Koike | 708 | 322 | |
| | AD | | | | | | |
| | AE | | | | | | |
| | AF | | | | | | MAR 1 2002 |
| | AG | | | | | | Technology Center 2100 |
| | AH | | | | | | |

RECEIVED**FOREIGN PATENT DOCUMENTS**

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
|------------------|----|-----------------|------|---------|-------|----------|--------------------|
| | AI | | | | | | |
| | AJ | | | | | | |
| | AK | | | | | | |
| | AL | | | | | | |
| | AM | | | | | | |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| EXAMINER INITIAL | | |
|------------------|----|--|
| <i>ln</i> | AN | Simon Haykin, Adaptive Filter Theory, 3 rd Edition, 1996, pp. 4-5 |
| <i>ln</i> | AO | Simon Haykin, Adaptive Filter Theory, 1986, pp. 1-43 and 195-219 |

EXAMINER *Ngo* DATE CONSIDERED *4/29/05*

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.